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JAN - 7 1994

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

(202) 637-9158

(202) 637-6662 (FAX)

January 6, 1994

Mr. William Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, DC 20554

*PPM 93MM*

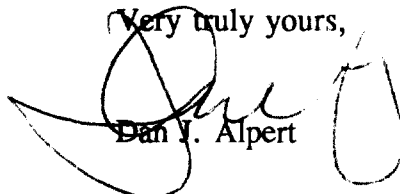
Re: RM-8412

Dear Mr. Caton:

Transmitted herewith, on behalf of Yell County Broadcasting, is an Engineering Statement, a facsimile of which was filed with its Petition for Rule Making filed on December 17, 1993.

If there are any questions, please contact this office.

Very truly yours,



Dan J. Alpert

Counsel for Yell County Broadcasting

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List ABCDE

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# ENGINEERING STATEMENT

OLA, ARKANSAS  
FM CHANNEL 267A  
for  
YELL COUNTY BROADCASTING

The attached engineering study of channel 267A for Ola, Arkansas was performed using the Commission's separation criteria contained in 47 C.F.R. Section 73.207, Minimum Distance Separation Between Stations. This study indicates that channel 267A can be assigned to Ola, Arkansas 1/ with the reference point 2/ 1.8 kilometers south (188 degrees) of the community. The proposed allocation point will avoid short-spacing KCJC, channel 265A, serving Russellville, Arkansas (BLH-920731KB).

## DISCUSSION

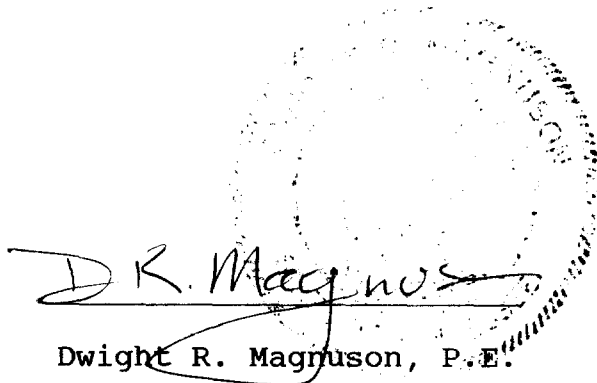
The FM Channel Spacing Study run from the Ola, AR city-center, attached as Exhibit I, indicates that suitable land area exists 1.8 kilometers south of the community as shown on Exhibit III. Yell County Broadcasting has determined that a location exists which maintains necessary clearances to all FM facilities afforded protection. This proposed Reference Point is shown as Exhibit II.

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- 1/ Coordinates for Ola, AR city-center:  
N LAT 35-02-00; W LNG 93-13-24
  - 2/ Proposed reference coordinates for channel 267A:  
N LAT 35-01-02; W LNG 93-13-34

At maximum facilities (6 kw ERP; 100m HAAT) a class A city-grade contour will cover approximately 16 kilometers from the antenna site. Therefore this proposal will provide Ola, Arkansas with the required city-grade signal from a transmitter site within the clearance area.

#### CONCLUSION

Having demonstrated that this proposal meets the separation requirements of 47 C.F.R. Section 73.207 and that it also meets the city-grade coverage requirements of Section 73.315, the public interest will be served by the allotment of channel 267A to Ola, Arkansas as its first local service.



Dwight R. Magnuson, P.E.

Dated: DEC 17, 1993

## EXHIBIT I

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## FM CHANNEL SPACING STUDY

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Job title: Ola, AR @ City-Center

Channel: 267A

Database file name: g:\fmdata\fm931124.edx

Latitude: 35 2 0

Longitude: 93 13 24

Pre-1989 Class A spacings?: N

CH	Call	Record	City	ST	Status	Bear.	Dist.	Reqd. Dist.	Result
267C3	KPBQFM	11684	Pine Bluff	AR	LIC	132.5	158.0	142.0	16.0
268A	KPIK	11693	Beebe	AR	LIC	81.3	120.8	72.0	
266A	KZQA	12195	North Little Rock	AR	CP	105.0	85.4	72.0	13.4
268A	KISI	12201	Malvern	AR	LIC	155.6	77.4	72.0	5.4
213C2	KLREFM	12207	Little Rock	AR	LIC	115.5	91.9	15.0	
269A	KVOMFM	12248	Morrilton	AR	LIC	71.2	43.6	31.0	12.6
264C2	KAWWFM	12249	Heber Springs	AR	CP	66.0	117.8	55.0	
267C	KTXR	12297	Springfield	MO	LIC	6.1	241.2	226.0	15.2
270A	NEW	12747	Mountain Pine	AR	APP	172.7	53.1	31.0	22.1
265A	KDELFM	12754	Arkadelphia	AR	LIC	171.2	103.6	31.0	
270A		12760	Mountain Pine	AR	VACANT	174.6	51.4	31.0	20.4
265A	KCJC	12771	Russellville	AR	LIC	8.2	29.2	31.0	-1.8
269A	KENAFM	13293	Mena	AR	LIC	241.6	106.8	31.0	
264C2	KBBQFM	13308	Fort Smith	AR	LIC	282.2	104.1	55.0	
267C1	KMCO	13797	Mcalester	OK	LIC	269.4	226.4	200.0	26.4

\*\*\*\*\* End of channel 267 study \*\*\*\*\*

## EXHIBIT II

## \*\*\*\*\* FM CHANNEL SPACING STUDY \*\*\*\*\*

Job title: Ola, AR @ Proposed Allocation Point

Channel: 267A

Database file name: g:\fmdata\fm931124.edx

Latitude: 35 1 2

Longitude: 93 13 34

Pre-1989 Class A spacings?: N

CH	Call	Record	City	ST	Status	Bear.	Dist.	Reqd. Dist.	Result
267C3	KPBQFM	11684	Pine Bluff	AR	LIC	132.0	157.0	142.0	15.0
268A	KPIK	11693	Beebe	AR	LIC	80.5	121.3	72.0	
266A	KZQA	12195	North Little Rock	AR	CP	103.8	85.2	72.0	13.2
268A	KISI	12201	Malvern	AR	LIC	154.9	75.9	72.0	3.9
213C2	KLREFM	12207	Little Rock	AR	LIC	114.4	91.4	15.0	
269A	KVOMFM	12248	Morrilton	AR	LIC	69.1	44.4	31.0	13.4
264C2	KAWWFM	12249	Heber Springs	AR	CP	65.3	118.8	55.0	
267C	KTXR	12297	Springfield	MO	LIC	6.1	243.0	226.0	17.0
269C2		12736	Hope	AR	VACANT	193.7	153.7	55.0	
270A	NEW	12747	Mountain Pine	AR	APP	172.2	51.4	31.0	20.4
265A	KDELFM	12754	Arkadelphia	AR	LIC	170.9	101.8	31.0	
270A		12760	Mountain Pine	AR	VACANT	174.1	49.7	31.0	18.7
265A	KCJC	12771	Russellville	AR	LIC	8.2	31.0	31.0	.0
269A	KENAFM	13293	Mena	AR	LIC	242.4	105.8	31.0	
264C2	KBBQFM	13308	Fort Smith	AR	LIC	283.2	104.3	55.0	
267C1	KMCO	13797	Mcalester	OK	LIC	269.9	226.1	200.0	26.1

\*\*\*\*\* End of channel 267 study \*\*\*\*\*

